

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10500896 - GAU: 2628

Applicant(s): Ro

ROTH, Shmuel et al.

Examiner:

ELECTRONIC COLOR DISPLAY FOR SOFT PROOFING

Material

J. Crawford

Serial No.:

10/500.896

Group Art Unit: Not yet as

2628

Filed:

July 7, 2004

Title:

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, this Information Disclosure Statement includes Form PTO-1449:

- Isting documents including patents, publications and other information for consideration by the Examiner, however, since the subject application was filed after June 30, 2003, copies of United States patents, and/or United States patent applications, and/or United States patent application publications are not included in this information disclosure statement; and/or
- 2. Isiting documents including patents, publications and other information that have been previously cited or submitted to the Patent Office in prior application U.S. Serial No. ______, filed ______ which is properly identified and relied on for an earlier effective filing date under 35 U.S.C. 120 for consideration by the Examiner; however, in accordance with 37 C.F.R. 1.98(d), copies of such documents are not included in this information disclosure statement; and/or
- 3. Iisting documents including patents, publications, and other information for consideration by the Examiner, copies of which are included with this information disclosure statement;

APPLICANTS: SERIAL NO.: FILED: Page 2

ROTH, Shmuel et al. 10/500,896 July 7, 20

4. \(\subseteq \) listing other information for the Examiner's consideration which was cited in a communication from a foreign patent office in a counterpart foreign application, a copy of which is included with this information disclosure statement.

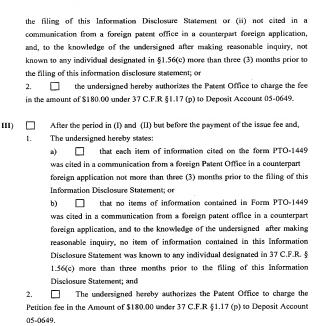
The information herein cited is only in fulfillment of Applicant(s) duty of candor in disclosing all information brought to Applicant(s) attention. This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art". If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicant(s) reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve(s) the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

In accordance with MPEP Sections 609 and 707.05(b), it is requested that each and every document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on Form PTO-1449. Such initialing is requested even if the Examiner does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application and is evidence that the Examiner has considered the document.

This Information Disclosure Statement is being filed:

- Within three (3) months of filing the subject Application or entry of the subject Application into the national stage or before mailing of the first Office Action on the merits of the subject Application or a request for continued examination thereof, whichever event occurs last pursuant to of 37 C.F.R §1.97 (b); or
- II) After the period specified in (I) but before the mailing date of either a final Official Action under 37 C.F.R §1.113 or a notice of allowance under 37 C.F.R §1.311 whichever occurs first and:
 - 1. the undersigned hereby states that each item of information listed on the Form PTO-1449 was either (i) cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to



APPLICANTS: SERIAL NO.: FILED:

Page 4

ROTH, Shmuel et al. 10/500,896 July 7, 20 10500896 - GAU: 2628



Except for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 05-0649.

Respectfully submitted

Attorney for Applicant(s) Registration No. 52,388

Yonav

Dated: August 12, 2004

Eitan, Pearl, Latzer & Cohen Zedek, LLP. 10 Rockefeller Plaza, Suite 1001 New York, New York 10020

Tel: (212) 632-3480 Fax: (212) 632-3490

der the Paperwork				ns are vectuired to	9990	Appropriate Approp	oved for use through 10/31/99	OF COMME
Sı	bstitute i	for form	1449A/PTO	18 200	135		plete if Known	
				1 8 1 8 TO	Αģ	lication Number	10/500,896	111
INFO	RMAT	ION	DISCLO	SURF	廊	ng Date	July 7, 2004	
STAT	STATEMENT BY APPLICATING TRADE					st Named Inventor	ROTH, Shmuel	
					Gro	oup Art Unit	Not yet assigned	
(us	e as mar	ny shee	ets as necess	ary)	Exa	aminer Name	Not yet assigned	
Sheet	1	of	3		Att	orney Docket Number	P-4785-US	

		U.S. Patent Document		Date of Publication of	Pages, Columns, Lines
xaminer nitials*	Cite, No. 1	Number Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear
	А	5,233,385	Sampsell	August 3, 1993	
	В	4,800,375	Silverstein et al.	January 24, 1989	
	С	6,097,367	Kuriwaki et al.	August 1, 2000	
	D	5,592,188	Doherty et al.	January 7, 1997	
	E	6,147,720	Guerinot et al	November 14, 2000	
	F	6,459,425	Holub , et al.	October 1, 2002	
	G	5,835,099	Marimont	November 10, 1998	
	н	6,231,190	Dewald	May 15, 2001	
	1	6,058,207	Tuijn , et al.	May 2, 2000	
	J	5,999,153	Lind et al	December 7, 1999	
	к	6,280,034	Brennesholtz	August 28, 2001	
	L	4,751,535	Myers	June 14, 1988	
	м	5,416,890	Beretta	May 16, 1995	
	N	5,650,942	Granger	July 22, 1997	
	0	4,985,853	Taylor et al	January 15, 1991	
	P	4,843,573	Taylor et al	June 27, 1989	
	Q	5,751,385	Heinze	May 12, 1998	
	R	5,870,530	Balasubramanian	February 9, 1999	
	s	5,892,891	Dalal et al	April 6, 1999	
	т	6,018,237	Havel	January 25, 2000	
	U	6,220,710	Raj et al	April 24, 2001	
	v	6,246,396	Gibson et al	June 12, 2001	
	w	6,198,512	Harris	March 6, 2001	
	x	6,259,430	Riddle et al.	July 10, 2001	
	Y	US2002/0149546		December 18,2001	
	Z	6,407,766	Ramanujan , et al.	June 18, 2002	
	AA	6,467,910	Sato	October 22,2002	
	AB	3,699,244	Cohen et al.	October 17, 1972	
	AC	09/710,895	Ben-David et al.	November 14, 2000 (Filing date)	
	AD	6,262,744	Carrein	July 17, 2001	
	AE	5,657,036	Markandey et al.	August 12, 1997	
	AF	6,144,420	Jung	November 7, 2000	

Examiner Signature	Date Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Unique resident designation of the transfer of the second of the second

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Sheet

Of 3

PTO/SB/08A (10-96)
Approved for use through 10/3199, OMB 0651-0031
Patent and Trademark Official I.S. DEPARTMENT OF COMMERCE
at to respond to a collection of information utility to displays a valid OMB control number. Under the Paperwork Reduction Act of 1995, no AUG 1 8 2004 Complete if Known Substitute for form 1449A/PT Application Number 10/500.896 INFORMATION DISCLOSURE Filing Date July 7, 2004 STATEMENT BY APPLICANT First Named Inventor ROTH, Shmuel Group Art Unit Not yet assigned (use as many sheets as necessary) Examiner Name Not yet assigned P-4785-US

U.S. PATENT DOCUMENTS								
		U.S. Patent De	ocument	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
Examiner Initials*	aminer Cite No.		ind Code ² f known)					
	AG	5,863,125		Doany	January 26, 1999			
	AH	6,236,406		LI	May 22, 2001			
	Al	5,909,227		Silverbrook	June 1, 1999			
	AJ	5,447,811		Buhr , et al.	September 5, 1995			
	AK	6,366,291		Taniguchi , et al.	April 2, 2002			
	AL	6,072,464		Ozeki	June 6, 2000			
	AM	6,633,302		Ohsawa , et al.	October 14, 2003			
	AN	6,538,742		Ohsawa	March 25, 2003			

Attorney Docket Number

ite, o.							
Cite No. 1 Office ³ Number ⁴		Number (if knd	Code ⁵ iwn)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
AO	wo	97/42770		Barco N.V.	November 13, 1997		
AP	wo	95/10160		British Broadcasting corporation	April 13, 1995		
AQ	wo	01/95544		Genoa Color Technologies Ltd.	December 13, 2001		
AR	wo	02/50763		Genoa Color Technologies Ltd.	June 27, 2002		
AS	JP	2000253263		Osawa	September 14, 2000	Abstract	
AT	JP	2000338950		Oawa et al.	December 8, 2000	Abstract	+
	<u> </u>						+
 	-	-					+
 	-						$^{+}$
				-			
							\top
							4

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Unique clasified religion designation number. See attached Kinds of the processor of the pr

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this tom should be sent to the Chale Information Officer, Patent and Trademark Office. Vashington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/08A (10-96)
Approved for use through 103/199 OMB 065-109
Patent and Trademark Office; U.S. DEFARTMENT OF COMMERCE
Producted to respond to a collection of information users at displays a valid OMB control number. Under the Paperwork Reduction Act of 1995, no AUG 18 700A Complete if Known Substitute for form 14498/PTO Application Number 10/500.896 INFORMATION DISCLOSURE STATEMENT BY APPLICANT Filing Date July 7, 2004 First Named Inventor ROTH, Shmuel Not yet assigned Group Art Unit (use as many sheets as necessary) Examiner Name Not yet assigned P-4785-US Of Attorney Docket Number Sheet

		NON PATENT DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), tille of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AU	WYBLE & BERNS, "A Critical View of Spectral Models Applied to Binary Color Printing", Volume 25, 2000, pages 4-19	
	AV	JEFFREY A. SHIMIZU, "Scrolling Color LCOS for HDTV Rear Projection," SID 01 Digest, PP. 1072-1075. June 20	DΠ
	AW	FRANCISCO H. IMAI, Color Science; "Spectral reproduction from scene to hardcopy", Part 1-Multi-spectral acquisition and spectral estimation using a Trichromatic Digital Camera System associated with absorption filters. 2	001
	AX	ROSEN et al, "Spectral Reproduction from Scene to Hardcopy II: Image Processing". Munsell Color Science Laboratory, RIT- Proceedings of SPIE Vol.4300(2001). Pages 33-41 2001	
	AY	POINTER, M.R., "The Gamut of Real Surface Colours", Cotor Research & Appl. 5(3):145-155, 1980.	
	AZ	GUNTER WYSZECKI & W.S. STILES, Color Science; Concepts and Methods, Quantitative Data and Formulae, 2d. Ed., 1982, PP.179-183.	
	ВА	AJITO et al, "Expanded Color Gamut Reproduced by Six-Primary Projection Display", Proc. SPIE, Vol. 2954 (2000) PP. 130-137.	
	ВВ	AJITO et al, "Multiprimary Color Display for Liquid Crystal Display Projectors Using Diffraction Granting", Optical Eng.38(11) 1883-1888 (November 1999).	
	ВС	AJITO et al, "Color Conversation Method for Multiprimary Display Using Matrix Switching", Optical Review, Vol.s, No.3, December 2001, 191-197	
	BD	Mashairo Yamaguchi, Taishi Teraji, Kenro Ohsawa, Toshio Uchiyama, Hideto Motomuro, Yuri Murakami and	
		Nagaaki Ohyama "Color image reproduction based on the multispectral and multiprimary imaging: Experimental evaluation", Device independent Color, Color Hardcopy and applications VII, Proc SPIE, Vol. 4663, pp.15-26 (2002)	
			-
	-		_
	1		

Date Considered	04/05/2011

^{*} EXAMINER; Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chef Information Officer. Planter and Trademark Office. Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Penetris, Washington and Chef. Send. Penetris, Washington, DC 20231.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.